

# SPACE FOR ACTIVE LEARNING (SAL) PLANS

## The FRAME

It is important to use a high grade of the  $\frac{1}{2}$  inch pipe. The pipe should be stiff, not flexible. You can use a special glue for PVC, but you will not be able to break it down or change the shape of the little room. If you do not glue the joints, you must secure the joints by pushing down on each joint and pipe, turning the rooms as you go.

The three-way  $90^\circ$  joint is the hardest to find. It is available with one opening that is threaded. This means that a male adapter is needed to adjust for the threaded hole. The pipe measurements given are adjusted for the extra length of the male adapter. To make the frame for a standard, lying down little room you will need the following:

- 7 pipes, 23  $\frac{3}{4}$  inches (horizontal bars)
- 4 pipes, 9  $\frac{1}{2}$  inches (vertical bars)
- 2 elbow joints
- 6 three-way  $90^\circ$  joints
- 8 male adapters (for threaded holes)



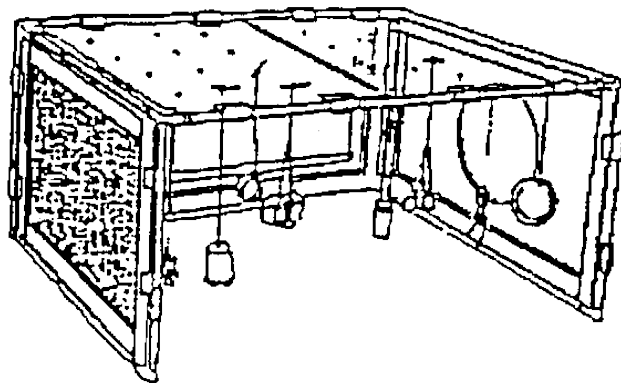
Three-way  $90^\circ$  joint



Elbow Joint



Male Adapter



\*Note: If threaded  $\frac{1}{2}$  inch pipe used for uprights, male adapters not needed.

The PVC sitting framework for hanging items requires four pipes that are 21  $\frac{1}{2}$  inches in place of the smaller (9  $\frac{1}{2}$  inch) vertical pipes.

It is important to understand the purpose for the framework with hanging specific items. What is the student outcome: that the student explore, compare and use his hands and even feet to manipulate items and learn concepts. It also allows the child to develop spatial memory.